

Full Text

AN 1980:41660 CAPLUS  
DN 92:41660  
TI Peptidic alkaloids. X. Approach for the synthesis of peptidic alkaloids.  
1. Reactivity of N-tolylsulfonylaziridines towards reactive nucleophiles  
AU Frappier, F.; Rocchiccioli, F.; Jarreau, F. X.; Pais, M.  
CS Inst. Chim. Subst. Nat., CNRS, Gif-sur-Yvette, Fr.

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SO Tetrahedron (1978), 34(19), 2911-16  
 CODEN: TETRAB; ISSN: 0040-4020

DT Journal

LA French

AB In order to realize the stereospecific introduction of a phenol ether function at the  $\beta$ -position of amino acids, present in peptidic alkaloids, the regiochem. of ring opening reactions of the aziridines I ( $R = H, Me, CHMe_2, Ph$ ), obtained from the corresponding  $RCH(OH)CH(NH_2)CO_2H$  by a reported procedure (Okawa, K., et al., 1972), within nucleophiles ( $NaN_3$ ,  $p-MeC_6H_4ONa$ ,  $NH_3$ ,  $p-MeC_6H_4OH$ ) was examd. Only I ( $R = Ph$ ) was cleaved regioselectively in each case to give  $p-MeC_6H_4NHCHPhCHRCONHPh$  ( $R = N_3, OC_6H_4Me-p$ ). The results are discussed in terms of electronic and steric factors.

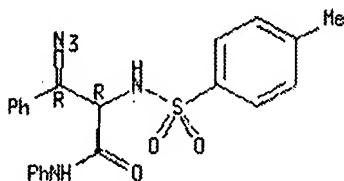
IT 70275-44-4P 70275-50-2P 70275-53-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)

RN 70275-44-4 CAPLUS

CN Benzenepropanamide,  $\beta$ -azido- $\alpha$ -[[[4-methylphenyl)sulfonyl]amino]-N-phenyl-, ( $R^*, R^*$ )- (9CI) (CA INDEX NAME)

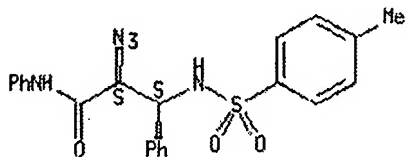
Relative stereochemistry.



RN 70275-50-2 CAPLUS

CN Benzenepropanamide,  $\alpha$ -azido- $\beta$ -[[[4-methylphenyl)sulfonyl]amino]-N-phenyl-, ( $R^*, R^*$ )- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 70275-53-5 CAPLUS

CN Benzenepropanamide,  $\alpha$ -(4-methylphenoxy)- $\beta$ -[[[4-methylphenyl)sulfonyl]amino]-N-phenyl-, ( $R^*, R^*$ )- (9CI) (CA INDEX NAME)

Relative stereochemistry.

